

MBARA Diver's Reef Survey Form

Updated 10 May 2011

Reef Number/Name: MB 91 Unnamed Reef

Position: LAT: 29 46.534 LON: 85 36.906

GPS manufacturer & model: Garmin 188C

Sonar Depth: 86 ft

Survey Date & Time: 7 May 2011, 1500

Weather conditions and sea state: Sunny, 1 ft seas

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth: 86 ft

Diver Bottom Time: 40 minutes

Water Temp: Surface: 74F Bottom: 69F

Water Visibility: Surface: 50 ft Bottom: 30 ft

Thermocline Depth: 10 ft

Current direction and speed: N 1 knot

Other water column characteristics (plankton, algae, jellyfish, turbidity):

Turbid

Bottom Composition (sand, silt, mud, gravel, shell, etc): sand and shell

Reef Materials & Quantity: 10 pyramids, mixed

Reef Highest Point: 10 ft

Physical Condition (Durability, stability, storm damage, other damage or movement): Excellent, 1 pyramid on side

Turtles:

Species	Quantity	Size	Color
Turtle, Loggerhead			
Turtle, Green			
Turtle, Leatherback			
Turtle, Species?			

Fish Count: 1 = Single, 2+ = 2 to 9, 10+ = 10 to 99, 100+ = 100 and above

Species:	Count	Size
Angelfish, Queen		
Angelfish, Blue	1	
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	10+	
Blenny?		
Butterflyfish, Spotfin		
Butterflyfish?		
Cardinalfish, Two-Spot	2+	
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa		
Damselfish?		
Dolphin, Bottlenose	2	8 ft
Drum , Cubbyu	10+	1-
Drum, Jackknifefish		
Eel?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Spotted		
Goby?		
Grouper, Gag	10+	12-
Grouper, Goliath		
Grouper, Red	2+	
Grouper, Rock Hind		
Grouper, Scamp		
Grunt, Tomtate		
Grunt , White		

Grunt?		
Jack, Almaco (Lesser)	2+	
Jack Blue Runner		
Jack - Greater Amberjack	2+	28-
Jack, Lookdown		
Jack, Rainbow Runner	1	
Jack, Round Scad		
Jack?		
Lizardfish?		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Pinfish		
Porgy - Saucereye		
Porgy Sheepshead Porgy	2+	
Porgy - Sheepshead		
Porgy? Striped Burrfish	1	
Puffer, Bandtail		
Puffer, Sharpnose		
Puffer?		
Ray?		
Sharksucker		
Sand Perch		
Seabass, Bank		
Seabass, Belted Sandfish		
Seabass, Pygmy		
Seabass?		
Snapper, Gray (Black)	10+	10-
Snapper, Lane		
Snapper, Red	100+	10-
Snapper, Vermillion		
Snapper?		
Soapfish, Whitespotted	10+	
Spadefish, Atlantic	10+	
Toadfish, Leopard	2+	
Triggerfish, Gray	10+	10-
Wrasse - Slippery Dick		
Glass Minnows		
Shark?		

Growth on Reef (Include names if known):

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles	10%		
Feather Duster worms	2%		white
Anemone	1%		yellow
Coral - White Telesto	1%		
Coral - Colorful Sea Whip			
Coral - gorgonian			
Hard Coral	30%	1-	
Bivalves			
Sponges			

Invertebrates on Reef (Names if known):

Species	Quantity	Size
Cowry West Indian Simnia		
Cowry - Spotted Cyphoma		
Crab, Stone		
Crab, Sargassum Swimming		
Crab, Stareye Hermit	2	
Crab, Yellowline Arrow	4	1-
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Sea Slug, Warty Doris	1	
Sea Star		
Sea Urchin	30	
Snail - Atlantic Hairy Triton		
Snail - Murex		
Snail - Netted Olive		
Snail- Florida Horse Conch		
Octopus	1	

Other Observations/Photos:







Video available at
www.mbara.org